

Fig. 9b

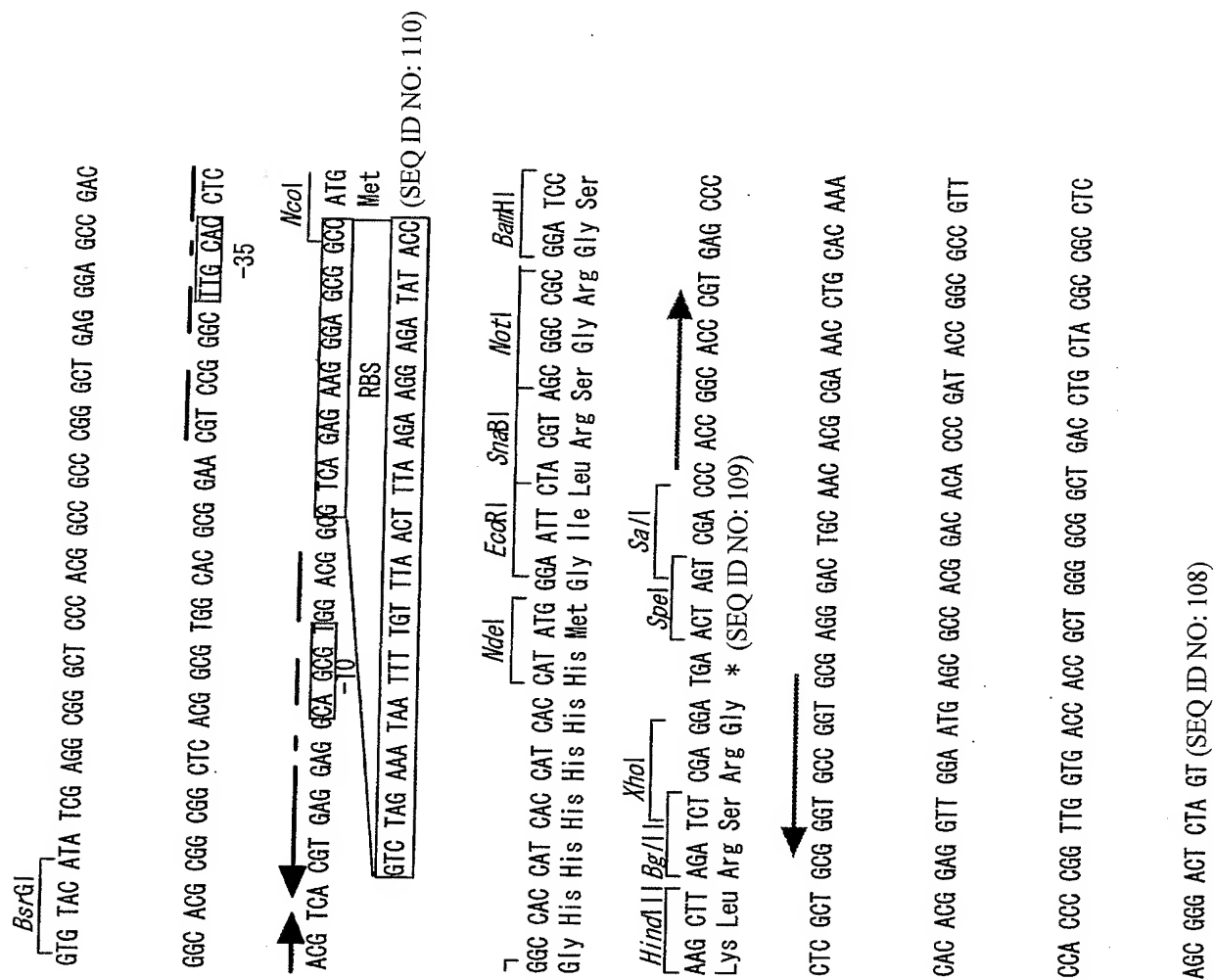


Fig. 9c

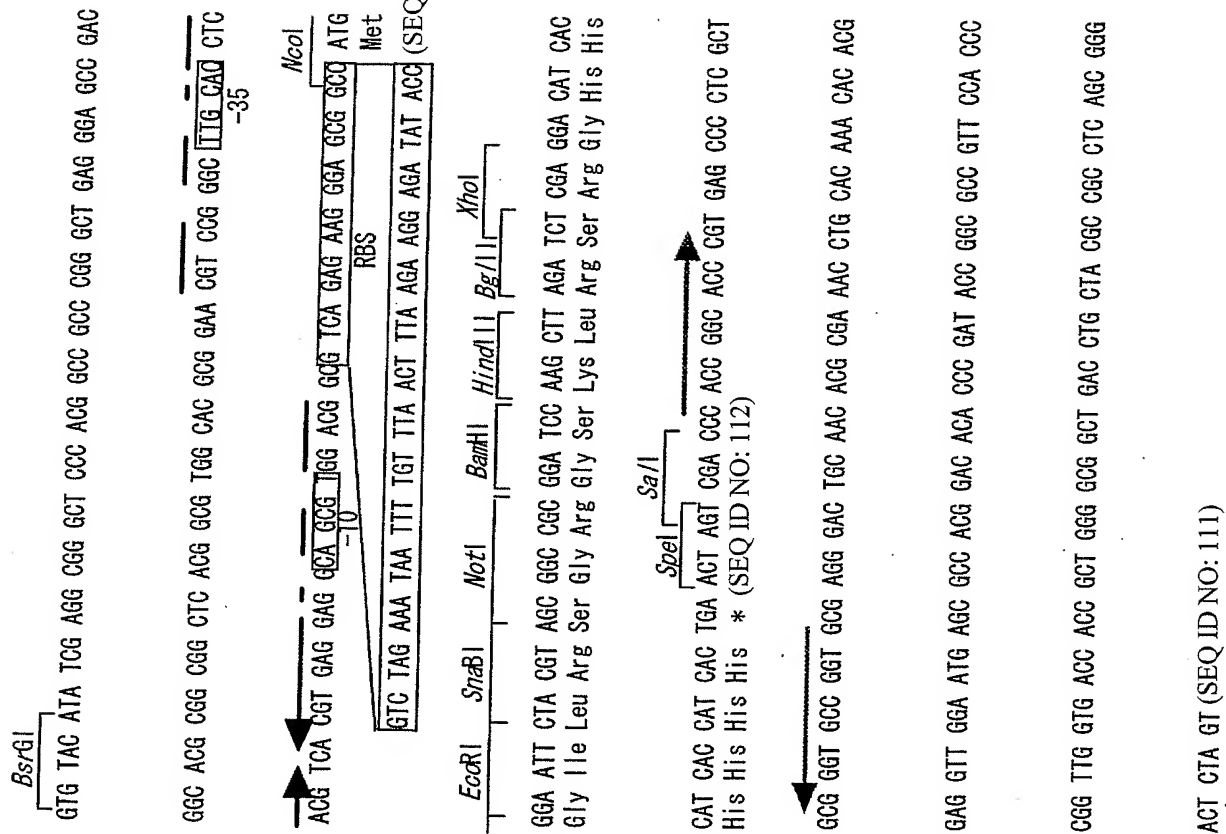


Fig. 9d

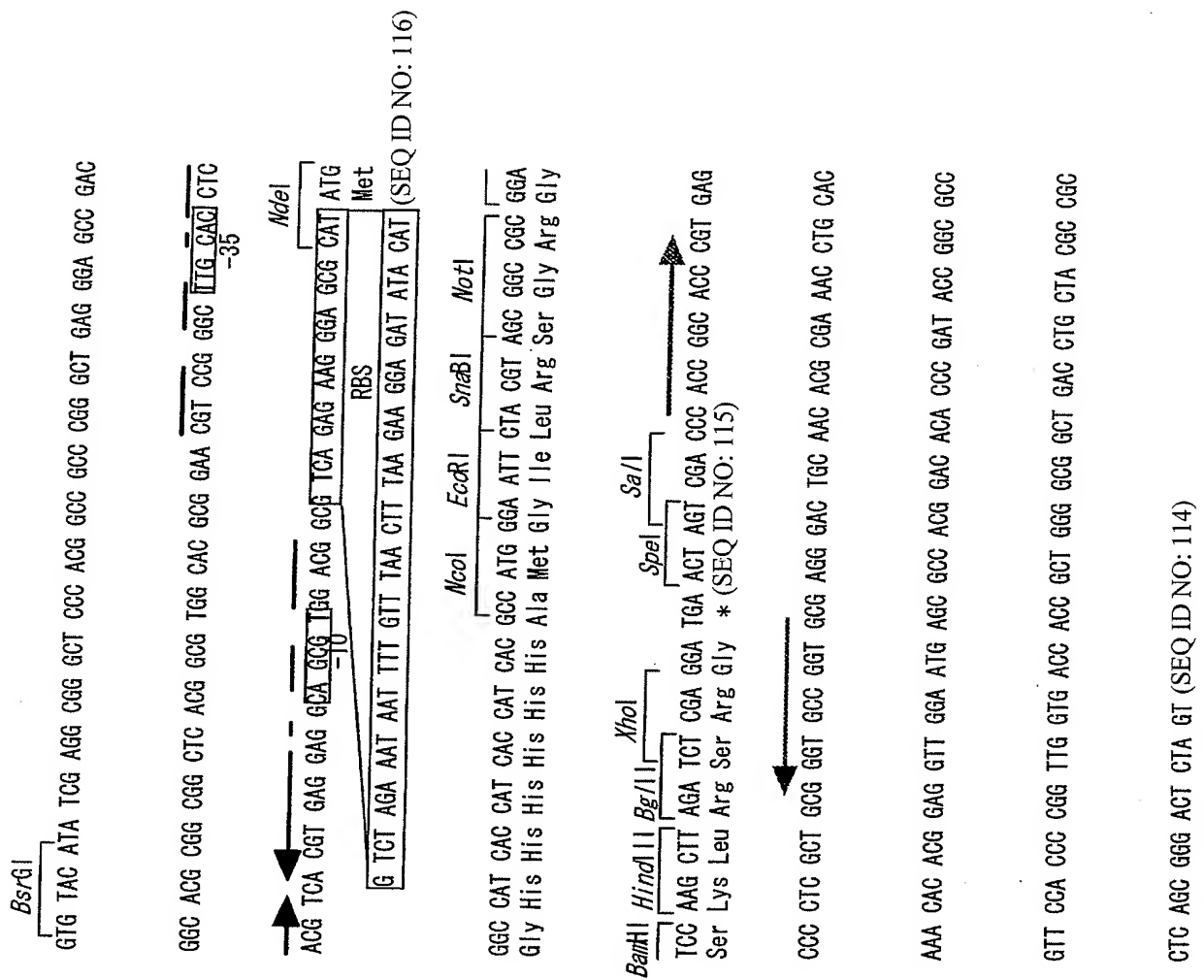


Fig. 9e

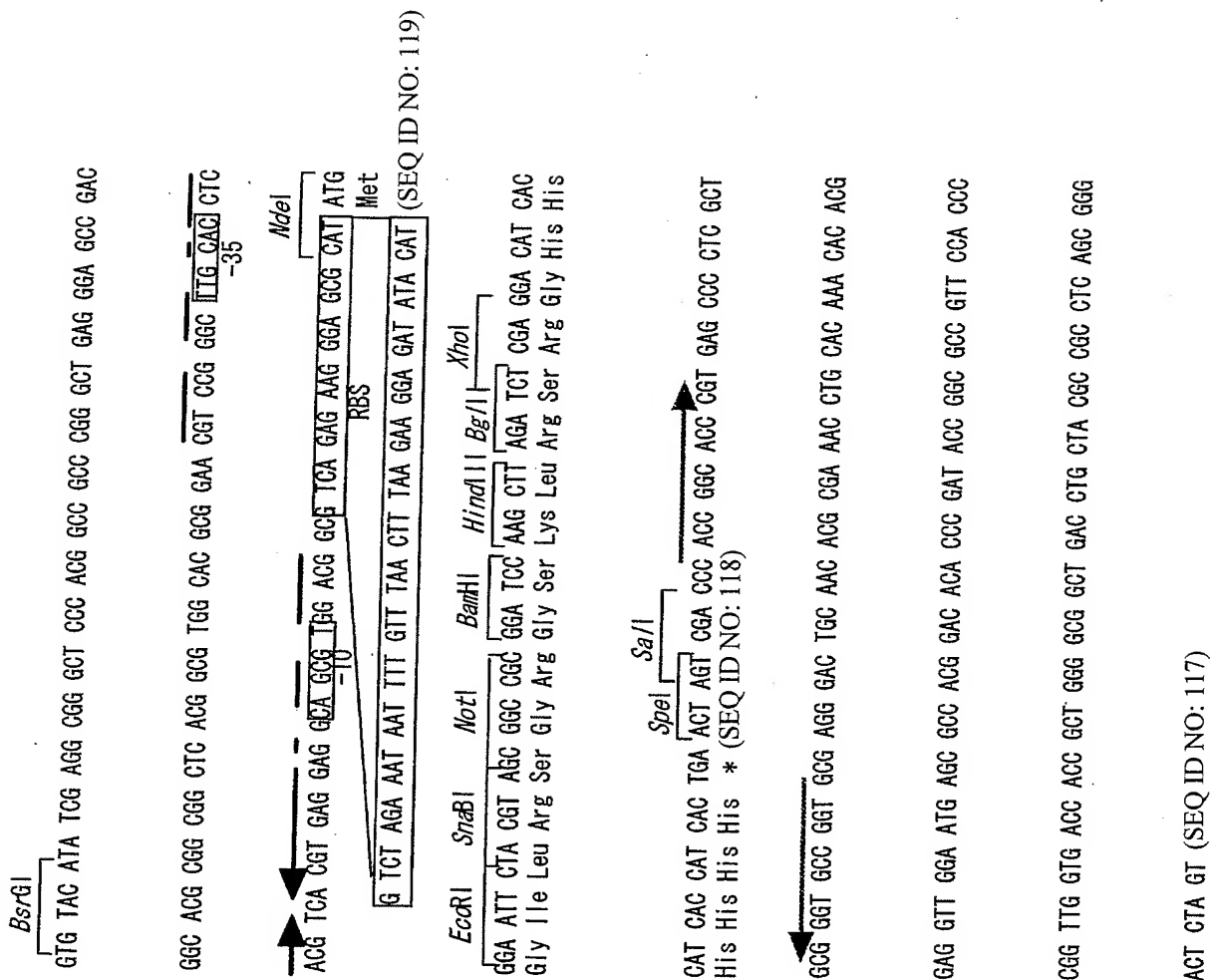


Fig. 10

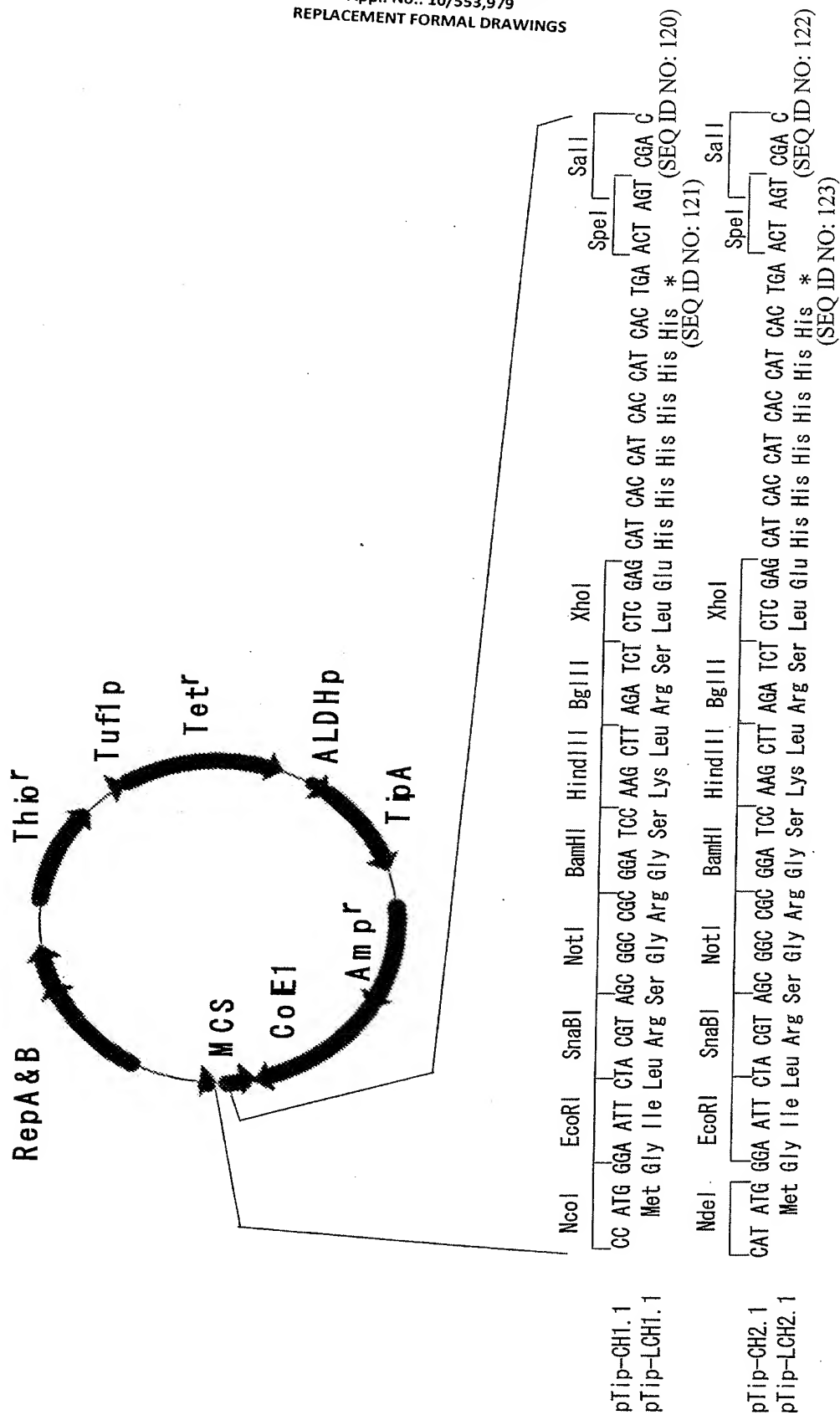


Fig. 12

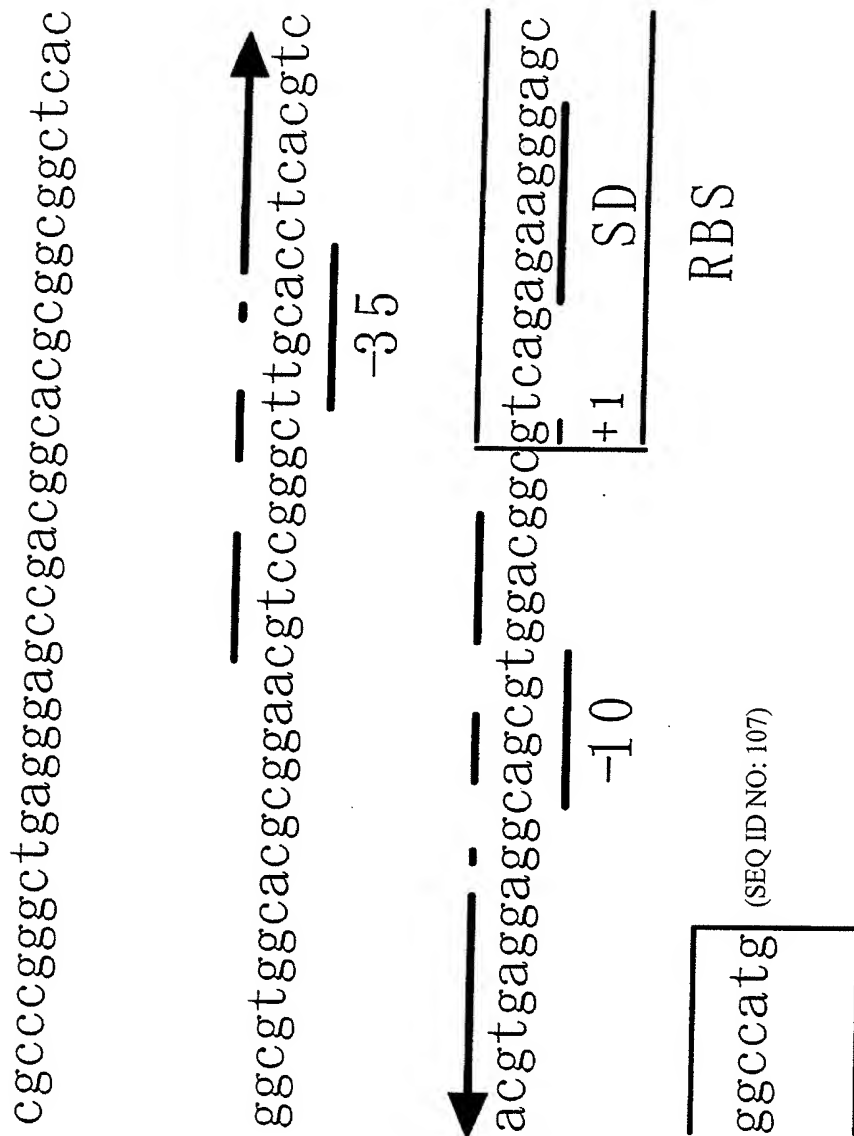


Fig. 13

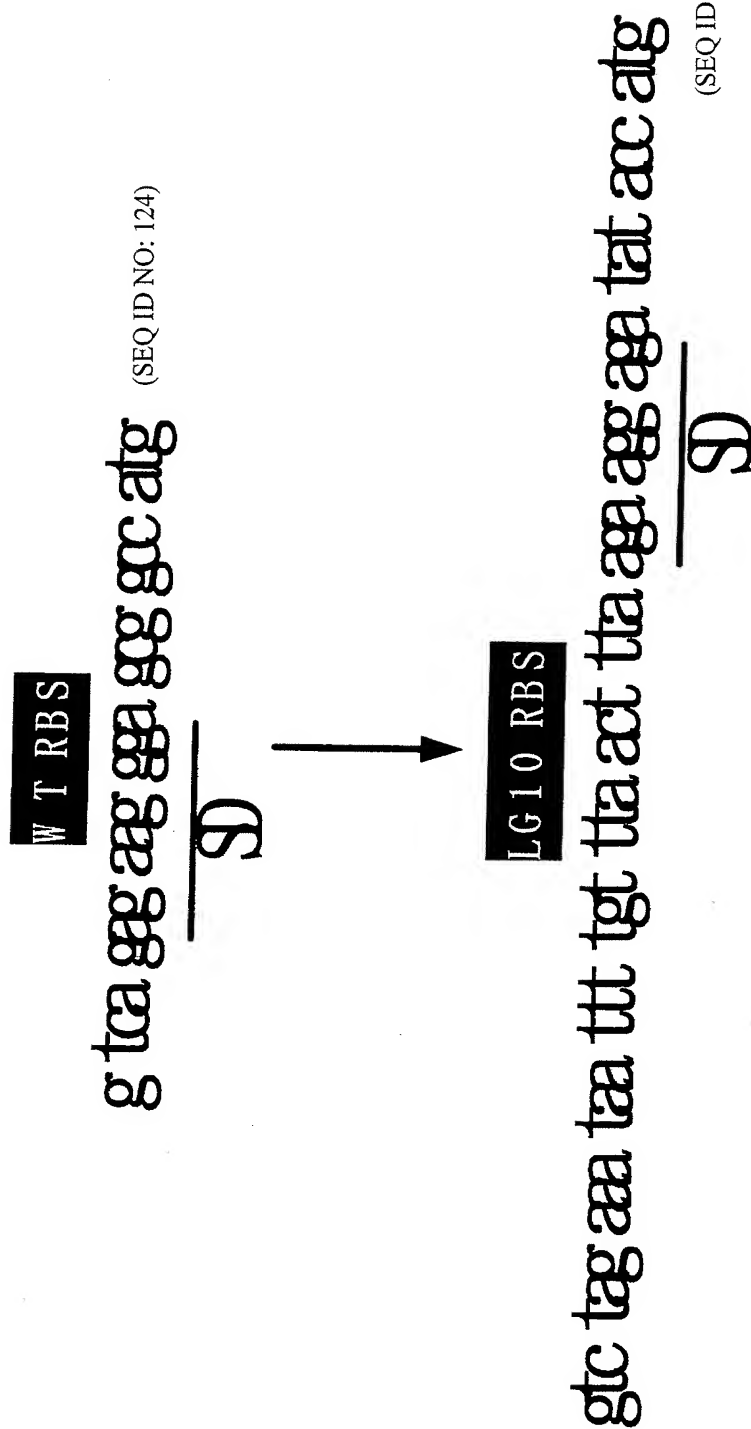


Fig. 15

	Motif I V	Motif I	Motif II	Motif III
Consensus	GLXXCGXXWCPXC	Xv t XTXRH	g XXg XXr a Xe Xt Xg XXn GwHXHxXl X	l a XXXXXXqX
pRE8424	68 GLRSCGKGW CPCC(126) 26 M/TMTVRH(127) 33 GCDGYVRAVEI THCK- NGWHVVHALL (128) 53 LAATLTKI AS (129)			
pAP1	138 GLHTCGSVWACPVC(131) 27 M/LTLTQRH(132) 33 CLVGYYRANEI THCK- HGWHVFHVLI (133) 67 I GNYYSKMQT (134)			
pBL1		76 MFVGTVRH(136) 34 VEHTYSDYEVTDSWA- NGWLHRNMLL (137) 54 NATYLAKGMS (138)		
pJVI	38 CLVRCGR WFCEPC(140) 27 LVFTARH(141) 77 GYI GWRAAEVTRSKNGYPHL NLLV(142) 80 LI H Y LTKNQD(143)			
pIJ101	20 CLMRCGR WLPVC(145) 27 LVFTARH(146) 59 GYGVM RATEVTVGQI NGWPFI HAI V(147) 69 LAHYI AKTQD(148)			
pSN22	20 CLMRCGR WLPVC(150) 27 LVFTARH(151) 59 GYGVM RATEVTVGQI NGWPFI HAI V(152) 69 LAHYI AKTQD(153)			
	** ** * . ** *	: : : : * * *	: : : : * * *	: : : : * * *

## C-terminal motif

Consensus	WeyExaXXgr Rai XWxrlr
pRE8424	276 WREFEFGSMRRRAI AWRGCLR(130)
pAP1	365 WKEYEKASFGRRALTWKGLR(135)
pBL1	250 WREYEVGSKNLRs-SWSRGAK(139)
pJV1	352 WAQEEALACRRRAI EWTRCLR(144)
pIJ101	288 WHEYERATRCRRRAI EWTRYLR(149)
pSN22	288 WHEYERATKRRRAI EWTRYLR(154)

Numbers in parentheses indicate SEQ ID NOs.

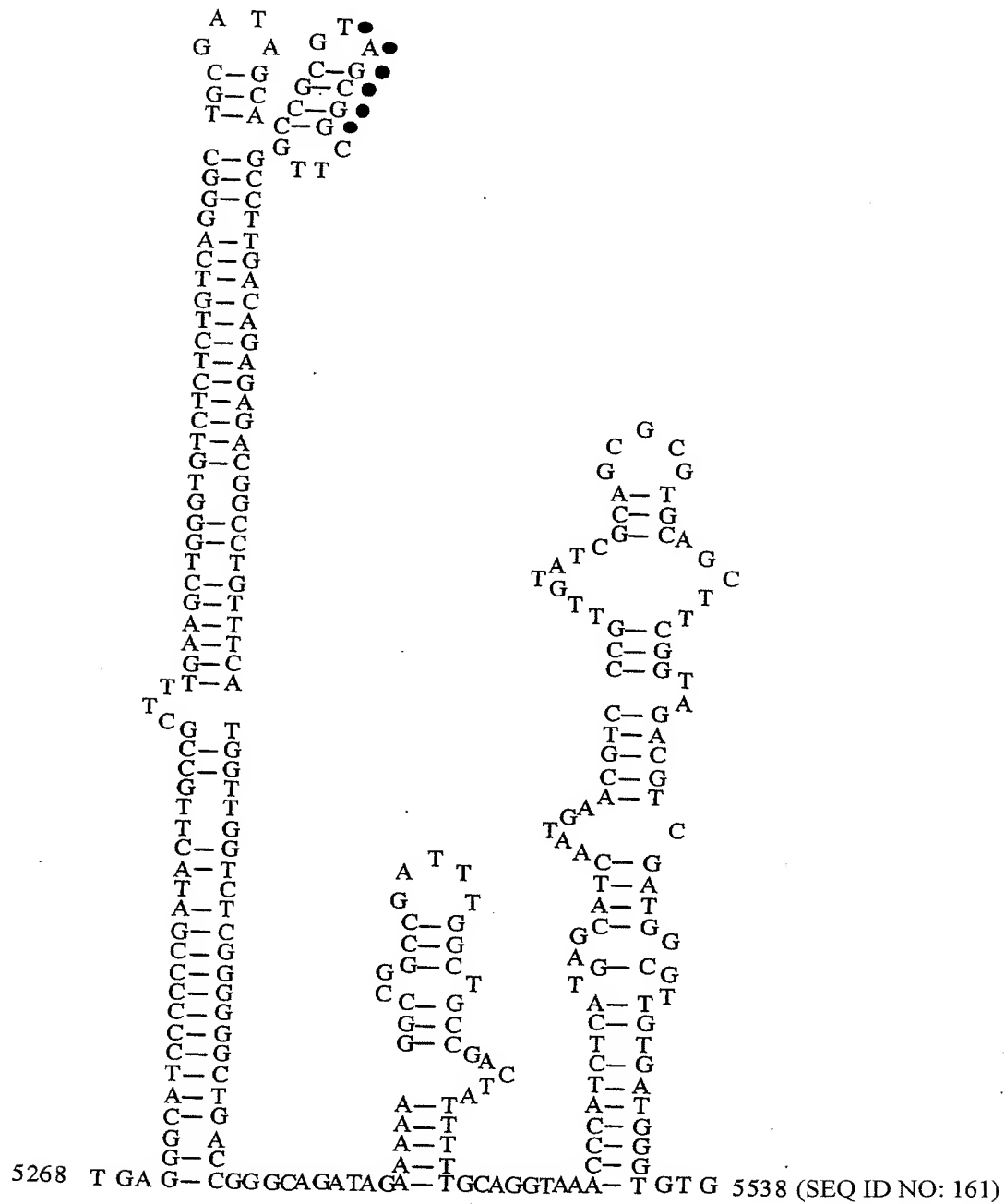
Fig. 16

pRE8424	5705	CGA	CGA	AGCG	GA	CCCCCT	---	AGCTGGGGGAG	(SEQ ID NO: 155)
pAP1	2378	CACCT	ATGC	CG	GA	AAACCTT	---	AGCAACA	(SEQ ID NO: 156)
pBL1	1314	GAAAT	ACAA	CTGA	ACACCT	CTA	AGCA	ACCGCA	(SEQ ID NO: 157)
pJ V1	3375	CTG	CAAA	AAAGCGA	CCCCCT	---	AGCTAAAGGGTT	(SEQ ID NO: 158)	
pI J101	1346	CACCT	AAAT	CCGA	ACACCT	---	CGCAAGAAA	(SEQ ID NO: 159)	
pSN22	7805	GAC	CAAA	ACCT	CTC	CCCCCT	---	CGCAAGAAA	(SEQ ID NO: 160)

Nicking site

DSO

Fig. 17



# MCS

*SpeI* *SalI*  
 ACT AGT CGA CCC AAC GGC AAC CGT GAG CCC CTC GGT GGG GGT GGC GGT AGG GAC TGC AAC ACG CGA AAC CTG CAC AAA CAC ACG GAG GTT  
 GGA ATG AGC GGC ACG GAC ACA CCC GAT AAC GGC GGC GTT CCA CCC CCG TTG GTG ACC ACC GCT GGG GGT GAC CTG CTA CGC CGC CTC AGC  
 GGG ACT CTA GT (SEQ ID NO: 167)